

TEST REPORT

2024AN1322

DATE OF RECEPTION

Date Format: dd/MM/yyyy 03/06/2024

DATE TESTS

Starting: 07/06/2024

Ending: 21/06/2024

APPLICANT

GABRIEL A/S
HJULMAGERVEJ, 55
DK-9000 Ålborg
Denmark

Att. BENTE ELLINGSOE

IDENTIFICATION AND DESCRIPTION OF SAMPLES

Reference by AITEX	Reference by customer	AITEX sample description
2024AN1322-S01	Tonal 62156 Light Yellow	Fabric
2024AN1322-S02	Tonal 63153 Light Red-Orange	Fabric
2024AN1322-S03	Tonal 61317 Light Beige	Fabric
2024AN1322-S04	Tonal 66284 Light Grey-Blue	Fabric
2024AN1322-S05	Tonal 65147 Grey Purple	Fabric
2024AN1322-S06	Tonal 66245 Blue	Fabric
2024AN1322-S07	Tonal; 68264 Dark Green	Fabric
2024AN1322-S08	Tonal 68325 Green	Fabric
2024AN1322-S09	Tonal 68261 Light Yellow-Green	Fabric
2024AN1322-S10	Tonal 68277 Dark Yellow-Green	Fabric

TESTS CARRIED OUT

- COLOUR FASTNESS TO ARTIFICIAL LIGHT.

Tests marked with * are not included within the scope of the ENAC accreditation.



SAMPLE/S DESCRIPTION

Reference

AITEX Reference
2024AN1322-S01
2024AN1322-S02
2024AN1322-S03
2024AN1322-S04
2024AN1322-S05
2024AN1322-S06
2024AN1322-S07
2024AN1322-S08
2024AN1322-S09
2024AN1322-S10



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The test was carried out at laboratory located at Carretera Banyeres 10 - 03802 Alcoi, Alicante



RESULTS

COLOUR FASTNESS TO ARTIFICIAL LIGHT

Standard

EN ISO 105-B02:2014. Method 2

Apparatus

Xenotest 440 02423E06

Starting test date

07/06/2024

Ending test date

21/06/2024

Exposure conditions

Normal

Evaluation conditions

Light camera Gretagmacbeth (02021N06)

Reference	Light fastness
2024AN1322-S01	8
2024AN1322-S02	8
2024AN1322-S03	8
2024AN1322-S04	8
2024AN1322-S05	8
2024AN1322-S06	8
2024AN1322-S07	8
2024AN1322-S08	8
2024AN1322-S09	7-8
2024AN1322-S10	8

Remark

The fastness grade indicated comes up to:

- Depth change: More clear
- Hue change: No notes
- Brightness change: No notes

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MEANING OF COLOUR VALUES FASTNESS TO ARTIFICIAL LIGHT

VALUE	MEANING
8	EXCELLENT
7	VERY GOOD
6	GOOD
5	MODERATE
4	FAIR
3	POOR BEHAVIOUR
2	POOR BEHAVIOUR
1	VERY POOR

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2024AN1322-S06	Tonal 66245 Blue
2024AN1322-S07	Tonal; 68264 Dark Green
2024AN1322-S08	Tonal 68325 Green
2024AN1322-S09	Tonal 68261 Light Yellow-Green
2024AN1322-S10	Tonal 68277 Dark Yellow-Green



RESULTS

COLOUR FASTNESS TO ARTIFICIAL LIGHT

Standard

AATCC TM 16.3:2020

Apparatus

WEATHER-OMETER, ATLAS CI 3000 (C-19816)

Starting test date

12/06/2024

Ending test date

14/06/2024

Exposure conditionsBlack Panel 63°C, Relative humidity 30%, 420 nm², 1'10 W/m²**Total radiant energy**6912 KJ/m²**Test conditions**

Without simple rotation, Mounting Procedure Backed.

Evaluation conditions

Light camera Gretagmacbeth (02021N06)

Grey Scale (0278N12)

Reference	Light fastness
2024AN1322-S01	5
2024AN1322-S02	5
2024AN1322-S03	5
2024AN1322-S04	5
2024AN1322-S05	5
2024AN1322-S06	5
2024AN1322-S07	5
2024AN1322-S08	5
2024AN1322-S09	5
2024AN1322-S10	5

Remark

The fastness grade indicated comes up to:

- Depth change: No notes
- Hue change: No notes
- Brightness change: No notes

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MEANING OF COLOUR FASTNESS APPRAISAL EVALUATED WITH GREY SCALE

VALUE	MEANING
5	VERY GOOD-EXCELLENT
4	GOOD
3	FAIR - MODERATE
2	POOR BEHAVIOUR
1	VERY POOR

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Date: 21/06/2024 18:01:24

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF: 52716426N

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